

REMARKS

35 USC § 112 Rejections

Claims 1-15 stand rejected under 35 USC § 112. Applicants respectfully traverse this rejection. In this regard, Applicants direct the attention of the Examiner to the specification at page 11, lines 3-16, reproduced below for the convenience of the Examiner.

In the present invention the electromagnetic spectral pattern of the catalytic agent “C” can be determined by known methods of spectroscopy. Utilizing spectroscopic instrumentation, the electromagnetic spectral pattern of the physical catalyst agent is preferably determined under conditions approximating those occurring in the chemical reaction using the physical catalyst. Spectroscopy is a process in which the energy differences between allowed states of the system are measured by determining the frequencies of the corresponding electromagnetic energy which is either being absorbed or emitted. Spectroscopy in general deals with the interaction of electromagnetic radiation with matter. When photons interact with atoms or molecules, changes in the properties of atoms and molecules are observed.

The specific claim language cited in the Action as not being disclosed in the specification, namely, “under conditions approximating those occurring in the chemical reaction system using the physical catalyst” clearly occurs at page 11, lines 7-9. Accordingly, Applicants respectfully submit that the newly added claim limitations are not new matter.

Moreover, the specific rejection of claims 1-13 regarding the term “approximating” is also respectfully traversed. In this regard, Applicants direct the attention of the Examiner to the aforementioned portion of the specification occurring at page 11.

Applicants note that all of the remaining rejections set forth on pages 3-5 of the Action are “withdrawn pending the result of the New Matter rejection *supra*.”

Accordingly, due to the recitation in the specification at page 11 (provided above herein), Applicants respectfully submit that there is support for the claim language and that all of claims 1-15 are definite in accordance with 35 USC § 112. Further, Applicants respectfully submit that all of the previous art rejections under § 102/§ 103 are silent regarding the limitations in the currently pending claims 1-15.

As always, should the Examiner have any questions or require any clarification regarding this matter, the Examiner is invited to telephone Applicants' undersigned representative.

Respectfully submitted,

/Mark G. Mortenson/

Mark G. Mortenson
Reg. No. 31,182

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GR Intellectual Reserve, LLC
1 Resonance Way
Havre de Grace, MD 21078
Telephone: 410-939-2343
Telefax: 410-939-2817